A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 66 For Week Ended October 18, 1985 NO. 42

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/18/85	Last Week Ending: 10/11/85	Last Year Week Ending: 10/19/84	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,546	12,376	12,206	170	340
Operable capacity	15,638	15,638	16,074	0	-436
Percent operated	80.2	79.1	75.9		
Motor Gasoline					
Total motor gasoline production	6,110	6,218	6,349	-108	-239
Finished leaded motor gasoline production	2,080	2,197	2,375	-117	-295
Finished unleaded motor gasoline production	4,030	4,021	3,974	9	56
Total motor gasoline stocks	216,606	217,692	230,570	-1,086	-13,964
Finished leaded motor gasoline stocks	73,352	74,330	85,221	-978	-11,869
Finished unleaded motor gasoline stocks	107,484	107,912	107,610	-428	-126
Distillate Fuel Oil					
Distillate fuel oil production	2,830	2,804	2,751	26	79
Distillate fuel oil stocks	117,755	118,256	152,893	-501	-35,138
Residual Fuel Oil					
Residual fuel oil production	910	765	875	145	35
Residual fuel oil stocks	46,033	45,664	48,603	369	-2,570
Imports					
Crude oil imports	3,530	3,285	3,306	245	224
Product imports	1,439	1,955	2,023	-516	-584
Crude Oil Stocks					
Crude oil stocks	319,989	326,255	336,335	-6,266	-16,346

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,213	1,111	1,116	1,484	75.2
Appal. No. 1	105	94	94	114	82.5
DISTRICT 1 TOTAL	1,318	1,205	1,210	1,598	75.7
Appal. No. 2	66	64	64	66	97.0
Ind., Ill., Ky.	1,848	1,717	1,717	2,175	78.9
Minn., Wis., Daks.	294	285	285	301	94.7
Okla., Kans., Mo.	712*	649*	651*	714	91.2*
DISTRICT 2 TOTAL	2,920*	2,715*	2,717*	3,256	83.4*
Inland Texas	551	478	482	547	88.1
Texas Gulf Coast	2,995*	2,835*	2,922*	3,706	78.8*
La. Gulf Coast	2,257	2,100	2,114	2,617	80.8
N. La. and Ark.	191	182	182	256	71.1
New Mexico	80	64	64	68	94.1
DISTRICT 3 TOTAL	6,074*	5,659*	5,764*	7,194	80.1*
DISTRICT 4 TOTAL	472	455	458	575	79.7
DISTRICT 5 TOTAL	2,584*	2,383	2,397	3,015	79.5
TOTAL U.S.	13,368	12,417	12,546	15,638	80.2
TOTAL U.S.					
Weeks Ended:					
OCT. 11, 1985	13,439*	12,235*	12,376*	15,638	79.1*
OCT. 19, 1984	13,278	12,087	12,206	16,074	75.9
DISTRICTS 1-4					
Weeks Ended:					
OCT. 18, 1985	10,784	10,034	10,149	12,623	80.4
OCT. 11, 1985	11,052*	9,995*	10,117*	12,623	80.1*
OCT. 19, 1984	10,826	9,745	9,864	12,920	76.3

*See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 18, 1985

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	551	157	394	21	64	299	142
Appal. No. 1	30	15	15	--	1	32	2
DISTRICT 1 TOTAL	581	172	409	21	65	331	144
Appal. No. 2	36	16	20	1	2	18	3
Ind., Ill., Ky.	904	294	610	24	141	324	50
Minn., Wis., Daks.	155	48	107	6	12	75	6
Okla., Kans., Mo.	392*	158*	234	8	45	185	10
DISTRICT 2 TOTAL	1,487*	516*	971	39	200	602	69
Inland Texas	286	129	157	21	33	132	24
Texas Gulf Coast	1,356	396	960	59	203	670	136
La. Gulf Coast	996	329	667	46	261	502	139
N. La. and Ark.	51	21	30	6	--	53	9
New Mexico	42	18	24	8	3	14	--
DISTRICT 3 TOTAL	2,731	893	1,838	140	500	1,371	308
DISTRICT 4 TOTAL	252	138	114	10	28	97	10
DISTRICT 5 TOTAL	1,059	361	698	44	262	429	379
TOTAL U.S.	6,110	2,080	4,030	254	1,055	2,830	910
TOTAL U.S. Weeks Ended:							
OCT. 11, 1985	6,218*	2,197*	4,021	184	1,055	2,804	765
OCT. 19, 1984	6,349	2,375	3,974	203	1,035	2,751	875
DISTRICTS 1-4 Weeks Ended:							
OCT. 18, 1985	5,051	1,719	3,332	210	793	2,401	531
OCT. 11, 1985	5,193*	1,838*	3,355	145	789	2,445	435
OCT. 19, 1984	5,274	1,947	3,327	150	767	2,367	480

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended October 18, 1985

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,977	1,843	3,133	1	123	587	8,307	1,112	--
Central Atlantic	28,324	8,591	15,193	4,540	418	5,025	26,361	15,573x	10,992
Lower Atlantic	25,369	9,370	15,711	288	239	4,689	11,854	4,138	449
DISTRICT 1 TOTAL	58,670	19,804	34,037	4,829	780	10,301	46,522	20,823x	11,441
DISTRICT 2 TOTAL	62,561x	25,214x	30,280x	7,067	1,381	7,414x	31,906x	3,380	18,036x
DISTRICT 3 TOTAL	60,204x	17,106x	27,722x	15,376	2,235	12,968x	26,817x	12,468	52,221
DISTRICT 4 TOTAL	6,051	2,636	1,906	1,509	360	704	2,632	466	2,434
DISTRICT 5 TOTAL	29,120	8,592	13,539	6,989	1,812	4,958	9,878	8,896	22,606x
TOTAL U.S.	216,606	73,352	107,484	35,770	6,568	36,345	117,755	46,033	106,738
TOTAL U.S. Weeks Ended:									
OCT. 11, 1985	217,692	74,330	107,912	35,450	6,356	35,437	118,256	45,664x	104,647x
OCT. 19, 1984	230,570	85,221	107,610	37,739	6,828	39,192	152,893	48,603	110,673
DISTRICTS 1-4 Weeks Ended:									
OCT. 18, 1985	187,486	64,760	93,945	28,781	4,756	31,387	107,877	37,137	84,132
OCT. 11, 1985	188,308	65,343	94,421	28,544	4,567	30,277	108,449	37,298x	81,893x
OCT. 19, 1984	204,720	76,960	96,992	30,768	5,104	33,338	141,805	38,723	86,005

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

*See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended October 18, 1985

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1985	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
OCT. 18, 1985	5,978.0	5,994.0	3,480	394	240,953
OCT. 11, 1985	5,978.0	--	3,157	458	240,593
OCT. 4, 1985	5,955.0	--	3,151	554	239,852
SEP. 27, 1985	5,955.0	--	3,247	423	234,110
DISTRICT 5 TOTAL					
OCT. 18, 1985	3,008.4	2,978.0	50	--	79,036 ♦
OCT. 11, 1985	3,008.4	--	128	23	85,662*
OCT. 4, 1985	3,023.1	--	26	8	77,727
SEP. 27, 1985	3,023.1	--	47	--	80,133
TOTAL U.S.					
OCT. 18, 1985	8,986.4	8,972.0	3,530	394	319,989 ♦
OCT. 11, 1985	8,986.4	--	3,285	481	326,255*
OCT. 4, 1985	8,978.1	--	3,177	562	317,579
SEP. 27, 1985	8,978.1	--	3,294	423	314,243
OCT. 19, 1984	8,906.0/a	--	3,306	275	336,335

♦INCLUDES 23,423 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for Oct. 1984

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
OCT. 18, 1985	16,535	73,387	138,615	12,416	240,953	79,036 ♦	319,989 ♦
OCT. 11, 1985	17,435	73,017	137,547	12,594	240,593	85,662*	326,255*
OCT. 19, 1984	13,800	75,010	157,848	13,957	260,615	75,720	336,335

[1]See definitional notes, Page 6.

*See Revisions on Page 7.

Week Ended October 18, 1985

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	18	--	18	--	--	--	--	2	--	--	20
Central Atlantic	118	36	82	61	--	140	251	11	65	136	782
Lower Atlantic	--	--	--	--	4	40	173	--	--	--	217
DISTRICT 1 TOTAL											
OCT. 18, 1985	136	36	100	61	4	180	424	13	65	136	1,019
OCT. 11, 1985	331	80	251	7	16	307	441	40	34	198	1,374
OCT. 4, 1985	273	56	217	8	30	156	346	17	74	133	1,037
SEP. 27, 1985	176	55	121	11	27	152	452	8	28	136	990
DISTRICTS 2-4 TOTAL											
OCT. 18, 1985	6	2	4	--	--	--	28	73	111	138	356
OCT. 11, 1985	42	18	24	--	--	--	60	53	151	140	446
OCT. 4, 1985	50	7	43	--	--	--	37	80	139	118	424
SEP. 27, 1985	10	5	5	--	--	14	62	55	79	45	265
DISTRICT 5 TOTAL											
OCT. 18, 1985	5	2	3	--	--	3	5	8	--	43	64
OCT. 11, 1985	71	13	58	--	6	12	12	5	--	29	135
OCT. 4, 1985	15	5	10	--	7	8	9	11	1	27	78
SEP. 27, 1985	14	3	11	--	17	8	15	6	--	21	81
TOTAL U.S.	147	40	107	61	4	183	457	94	176	317	1,439
TOTAL U.S. Weeks Ended:											
OCT. 11, 1985	444	111	333	7	22	319	513	98	185	367	1,955
OCT. 4, 1985	338	68	270	8	37	164	392	108	214	278	1,539
SEP. 27, 1985	200	63	137	11	44	174	529	69	107	202	1,336
OCT. 19, 1984	402	156	246	--	71	484	445	98	200	323	2,023

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 18, 1985

REVISIONS

10/11/85	PAGE 1	TOTAL REFINERY INPUT	OKLA., KANS., MO.	713
			DISTRICT 2 TOTAL	3,012
			TEXAS GULF COAST	3,095
			DISTRICT 3 TOTAL	6,214
			DISTRICT 5 TOTAL	2,387
			TOTAL U.S.	13,439
			DISTRICTS 1-4	11,052
		CRUDE OIL RUNS	OKLA., KANS., MO.	610
			DISTRICT 2 TOTAL	2,743
			TEXAS GULF COAST	2,743
			DISTRICT 3 TOTAL	5,576
			TOTAL U.S.	12,235
			DISTRICTS 1-4	9,995
		INPUT TO CRUDE OIL	OKLA., KANS., MO.	613
			DISTRICT 2 TOTAL	2,752
			TEXAS GULF COAST	2,828
			DISTRICT 3 TOTAL	5,678
			TOTAL U.S.	12,376
			DISTRICTS 1-4	10,117
		% OPERABLE	OKLA., KANS., MO.	85.9
			DISTRICT 2 TOTAL	84.5
			TEXAS GULF COAST	76.3
			DISTRICT 3 TOTAL	78.9
			TOTAL U.S.	79.1
			DISTRICTS 1-4	80.1
	PAGE 2	TOTAL MGAS	OKLA., KANS., MO.	456
			DISTRICT 2 TOTAL	1,653
			TOTAL U.S.	6,218
			DISTRICTS 1-4	5,193
		LEADED MGAS	OKLA., KANS., MO.	260
			DISTRICT 2 TOTAL	674
			TOTAL U.S.	2,197
			DISTRICTS 1-4	1,838
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	63,154
			DISTRICT 3 TOTAL	60,736
		LEADED MGAS	DISTRICT 2 TOTAL	25,031
			DISTRICT 3 TOTAL	17,359
		UNLEADED MGAS	DISTRICT 2 TOTAL	31,277
			DISTRICT 3 TOTAL	27,747
		KEROSINE JET	DISTRICT 2 TOTAL	7,619
			DISTRICT 3 TOTAL	12,182
		DISTILLATE FUEL	DISTRICT 2 TOTAL	32,125
			DISTRICT 3 TOTAL	26,687
		RESIDUAL FUEL	CENTRAL ATLANTIC	15,480
			DISTRICT 1 TOTAL	20,743

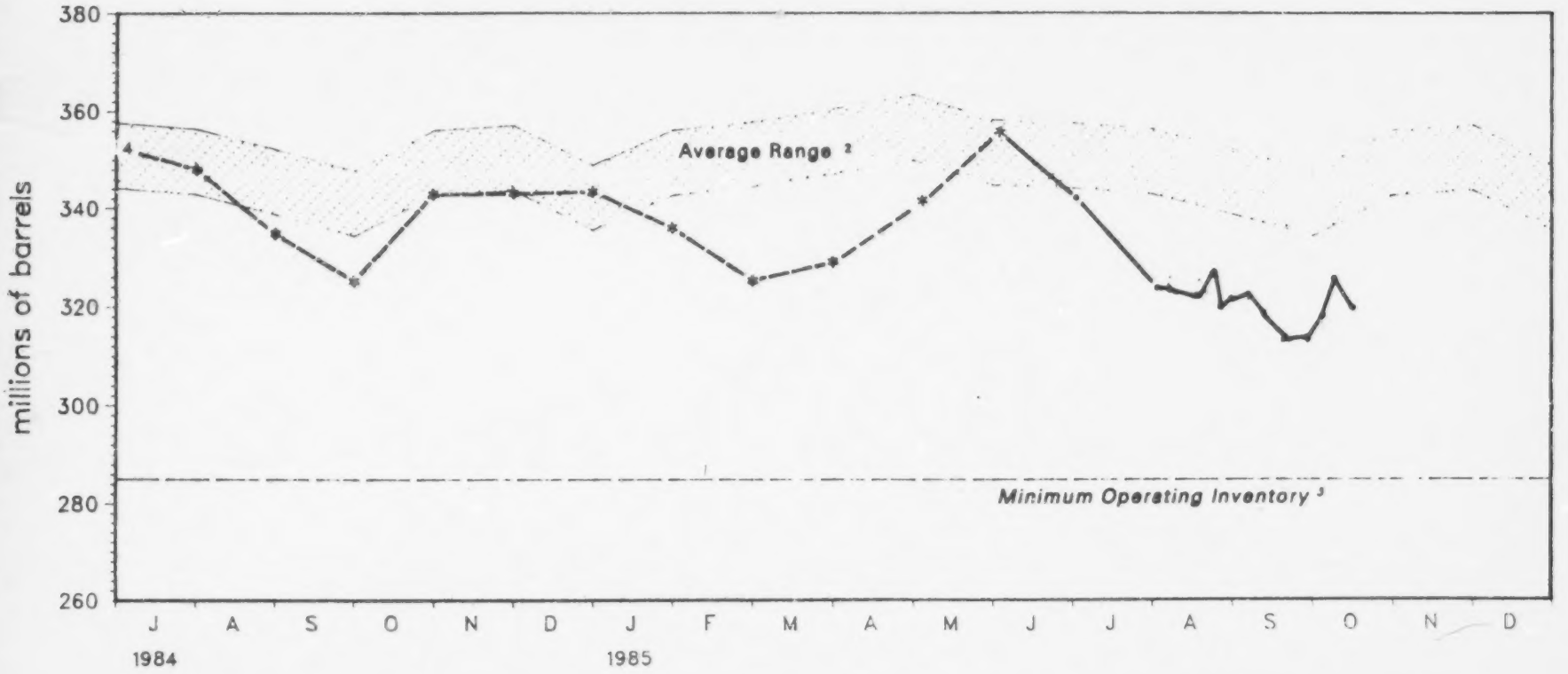
API STATISTICAL BULLETIN
WEEK ENDED: OCT. 18, 1985

REVISIONS

		TOTAL U.S.	45,664
		DISTRICTS 1-4	37,298
	UNFINISHED OILS	DISTRICT 2 TOTAL	17,379
		DISTRICT 5 TOTAL	22,754
		TOTAL U.S.	104,647
		DISTRICTS 1-4	81,893
PAGE 4 T	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	85,662
		TOTAL U.S.	326,255
PAGE 4 B	TOTAL	PAD DISTRICT 5	85,662
		TOTAL U.S.	326,255

Week Ended October 18, 1985

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1982 - Dec. 1984. The seasonal pattern is based on seven years of monthly data: January 1977 - December 1983.*

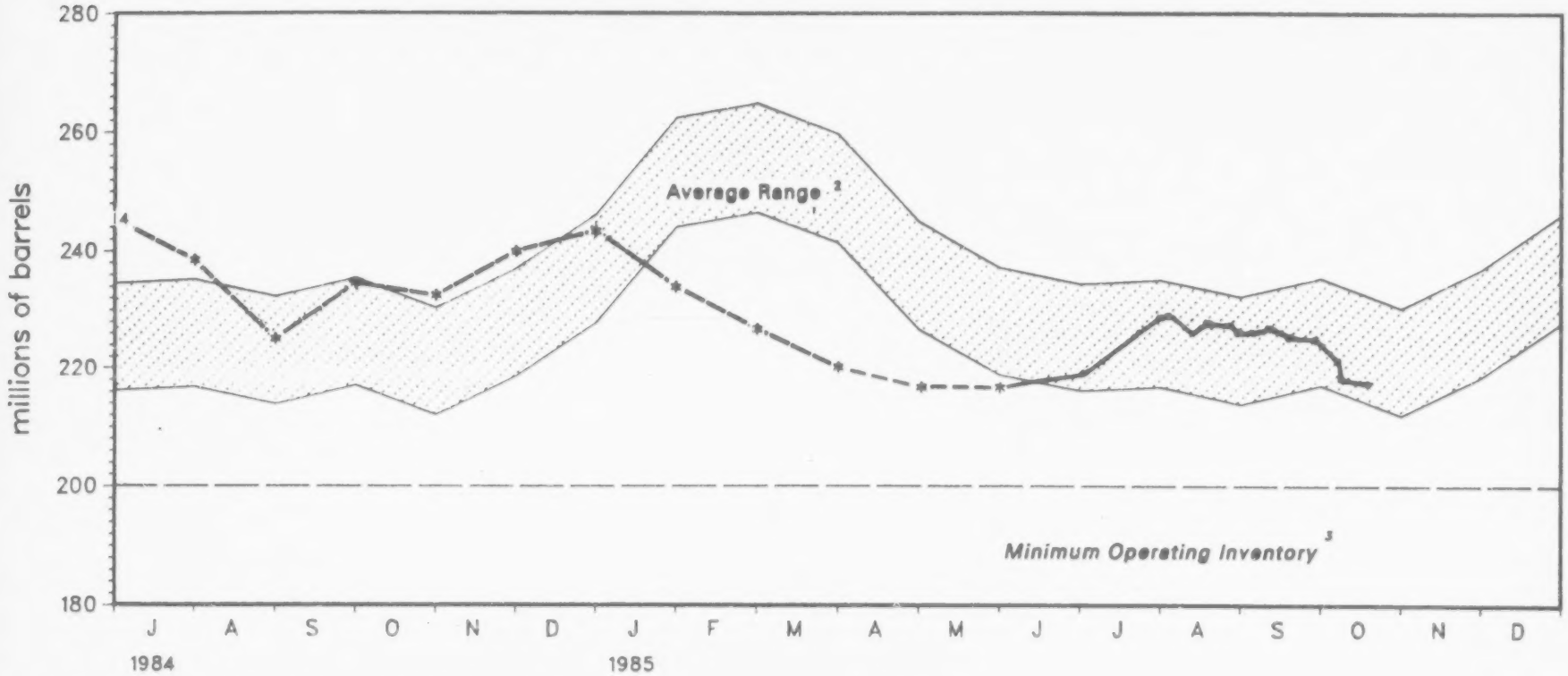
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: ●——● EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• —— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended October 18, 1985

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

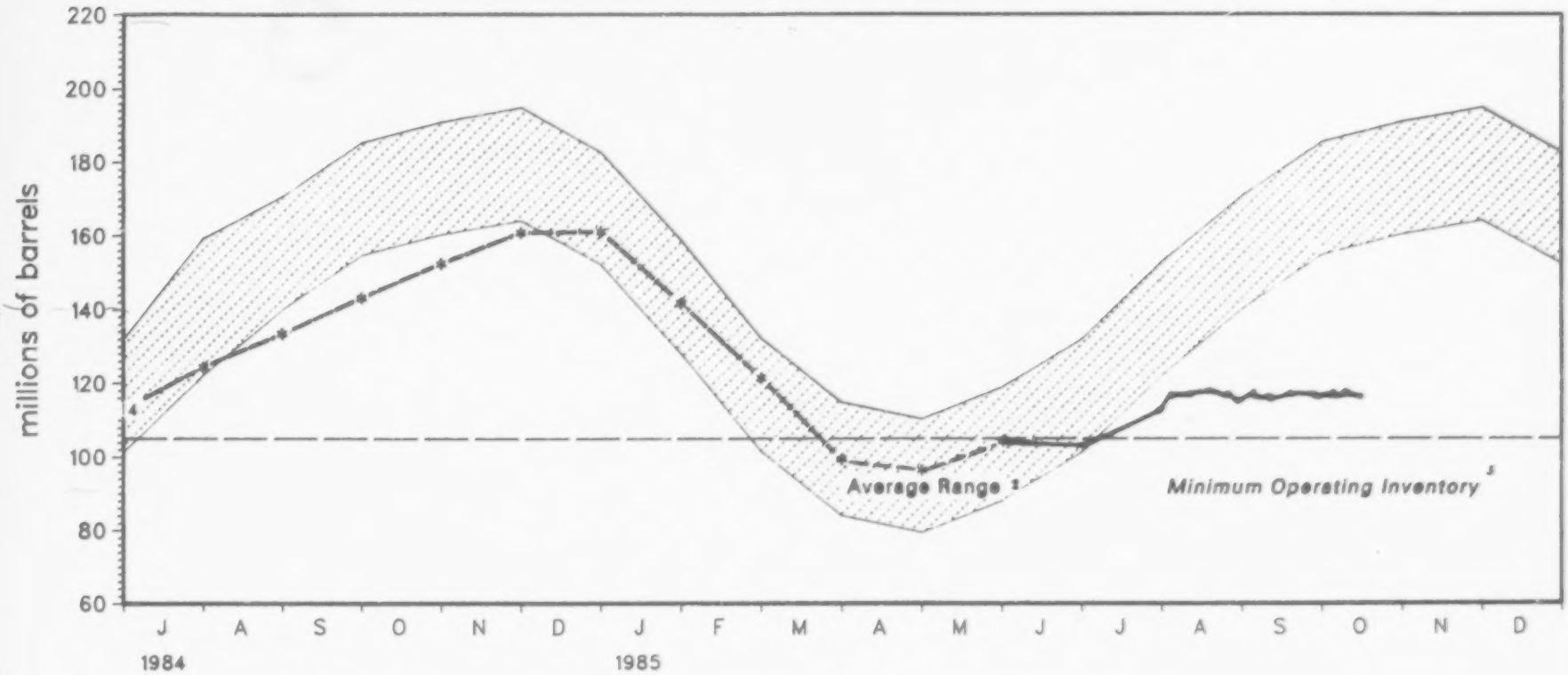
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1982 – Dec. 1984. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: *—— EIA, Energy Data Reports, Petroleum Statement, Monthly.*
•—— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1982 – Dec. 1984. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: ▲—— EIA, Energy Data Reports, Petroleum Statement, Monthly.*
●—— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*